

EPA ID: NJD981490428 Site Name: KEEGAN LANDFILL

State ID:

Alias Site Names: MSLA SITE B

City: KEARNY

County or Parish: HUDSON

State: NJ

Refer to Report Dated:

Report Type: Site Inspection Prioritization 001

Report Developed by: START

**DECISION:**

☐ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

☐ 1b. Site may qualify for action, but is deferred to:

☒ 2. Further Assessment Needed Under CERCLA:

2a. Priority: ☐ Higher ☒ Lower

2b. Other: (recommended action)

**DISCUSSION/RATIONALE:**

The Keegan Landfill site needs further assessment under CERCLA. Keegan Landfill is an inactive municipal sanitary landfill located in an industrial area of the town of Kearny, Hudson County. The landfill was operated from the mid-60s to 1974; accepting household and construction waste, metal scraps, and drummed/uncontained plating waste. A formal closure has not been completed for the landfill. Soil samples collected by EPA, indicate the presence of pesticides and metals on-site. An observed release is documented to an adjacent surface water sensitive environment. This sensitive environment consists mainly of an open water wetland area designated as a state endangered species habitat.

GW - There is a suspected release to the groundwater; however, groundwater is not used for drinking purposes within 4 miles of the site. In 1994, the Army Corps of Engineer (USACE) drilled two wells on the lower southwestern portion of the landfill, as part of the Passaic River Flood Protection Project. Analytical samples indicated the presence of inorganic and chlorinated solvents in groundwater. No background samples were collected consequently the data does not meet EPA's observed release criteria.

SW - Sediment samples document an observed release to the wetland area bordering the landfill. Analytes detected included phthalates, pesticides, and metals (arsenic, chromium, cadmium, and copper). Aroclor 1260 was detected in the wetland area adjacent to the eastern section of the landfill; however, background samples indicate PCBs might be coming from a different source. Surface water is not used for drinking purposes within 15 miles downstream. Although there is a ban and a health advisory on the consumption of specific fish species; fishing activity in the area is suspected. The wetland adjacent to the landfill is considered a unique biotic community, housing several state and federally listed endangered species.

SE - Surficial soil samples at the landfill detected a series of contaminants, including PCBs, pesticides, petroleum hydrocarbons, and dioxin. The risk posed by these concentrations is unknown. The site is located in a predominantly industrial area. There are no residences, schools, or day care centers within 200 feet of observed contamination.

Air - A release to air is not currently suspected. A series of underground fires have occurred at the landfill, the most recent occurring in 1992. During the 1997 sampling, no photo ionization instrument readings were detected in ambient air.

Site Decision Made by: ILDEFONSO ACOSTA

Signature: *Ildefonso Acosta*

Date: 06/30/98

